

# APPENDIX E

## State Contextual Background Factors

Included in this appendix are summaries of contextual variables collected as part of the NAEP assessment on a state-by-state basis. The contextual variables are classified as school-level (Table E.1), teacher-level (Tables E.2), and student-level (Table E.3). To supplement the data available from the NAEP assessment, co-statistics have been compiled from sources external to NAEP (Table E.4).



Table E.1 Selected School-Level Educational Characteristics by State for the 1994 Trial State Assessment, Public Schools Only

	Percent of Students Whose		
	Schools Report at Least Moderate Absenteeism	Teachers Report Getting All or Most of the Resources They Need	Teachers Report Their Average Class Size is Less Than 25 Students
Nation	16	65	59
Region			
Northeast	10	59	73
Southeast	20	68	63
Central	15	66	62
West	18	64	44
States			
Alabama	22	65	57
Arizona	34	63	49
Arkansas	26	68	75
California	29	58	14
Colorado	14	71	56
Connecticut	20	63	65
Delaware	12	57	57
Florida	21	67	38
Georgia	12	76	67
Hawaii	17	47	46
Indiana	12	77	74
Iowa	7	70	79
Kentucky	15	76	69
Louisiana	20	61	54
Maine	5	63	95
Maryland	22	63	52
Massachusetts	5	58	79
Minnesota	9	70	56
Mississippi	23	66	70
Missouri	17	70	67
Montana†	16	69	72
Nebraska†	9	85	85
New Hampshire†	6	54	76
New Jersey	10	72	85
New Mexico	24	49	61
New York	12	62	53
North Carolina	10	61	64
North Dakota	3	59	80
Pennsylvania†	10	70	61
Rhode Island†	9	38	77
South Carolina	11	74	70
Tennessee†	25	61	72
Texas	25	76	100
Utah	17	60	24
Virginia	15	73	79
Washington	16	62	51
West Virginia	14	69	85
Wisconsin†	4	73	77
Wyoming	9	83	88
Other Jurisdictions			
DoDEA	0	80	75
Guam	34	38	88

† Did not satisfy one of the guidelines for school sample participation rates (see Appendix A).

SOURCE: National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1994 Reading Assessment

Table E.2 Selected Teacher-Level Educational Characteristics by State for the 1994 Trial State Assessment, Public Schools Only

	Percent of Students Whose Teachers			
	Primarily Use Trade Books for Reading Instruction	Ask Students to Write About What They Have Read Almost Every Day	Have Students Read Books of Their Own Choosing Almost Every Day	Use a Variety of Books Almost Every Day
Nation	20	30	69	49
Region				
Northeast	20	46	62	53
Southeast	13	24	62	42
Central	15	26	70	37
West	29	26	81	61
States				
Alabama	6	20	60	37
Arizona	17	33	75	48
Arkansas	8	18	65	31
California	37	47	82	61
Colorado	43	39	84	69
Connecticut	28	43	74	53
Delaware	17	34	66	51
Florida	12	27	73	49
Georgia	7	24	68	51
Hawaii	21	32	78	47
Indiana	13	15	62	34
Iowa	23	34	86	56
Kentucky	25	40	63	56
Louisiana	3	15	53	27
Maine	54	38	80	69
Maryland	36	52	68	52
Massachusetts	17	33	74	48
Minnesota	15	29	68	45
Mississippi	3	15	49	29
Missouri	11	26	69	41
Montana†	19	29	69	47
Nebraska†	14	30	78	54
New Hampshire†	30	32	82	54
New Jersey	23	33	62	48
New Mexico	18	28	67	46
New York	29	42	68	57
North Carolina	14	34	74	50
North Dakota	4	20	69	37
Pennsylvania†	15	28	68	45
Rhode Island†	22	33	76	56
South Carolina	15	25	74	54
Tennessee†	6	10	47	30
Texas	10	32	69	44
Utah	16	22	81	53
Virginia	27	35	76	60
Washington	24	31	84	57
West Virginia	4	18	62	36
Wisconsin†	25	28	75	45
Wyoming	20	28	67	53
Other Jurisdictions				
DoDEA	4	32	75	45
Guam	20	38	73	56

† Did not satisfy one of the guidelines for school sample participation rates (see Appendix A).

SOURCE: National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1994 Reading Assessment

Table E.3 Selected Student-Level Educational Characteristics by State for the 1994 Trial State Assessment, Public Schools Only

	Percent of Students Who		
	Read More Than 10 Pages in School and for Homework	Watch Television 5 Hours or More a Day	Regularly Read for Fun on Their Own Time
Nation	54	31	45
Region			
Northeast	49	35	45
Southeast	51	37	40
Central	60	27	46
West	56	27	46
States			
Alabama	51	31	41
Arizona	58	25	44
Arkansas	54	35	41
California	63	30	45
Colorado	63	20	47
Connecticut	60	28	48
Delaware	49	36	42
Florida	51	32	41
Georgia	53	32	45
Hawaii	61	28	42
Indiana	58	29	41
Iowa	67	23	50
Kentucky	57	36	40
Louisiana	48	38	38
Maine	62	20	46
Maryland	52	34	45
Massachusetts	62	21	46
Minnesota	64	20	48
Mississippi	45	39	39
Missouri	60	31	44
Montana†	65	17	49
Nebraska†	63	23	46
New Hampshire†	59	21	47
New Jersey	57	33	43
New Mexico	55	20	44
New York	55	33	49
North Carolina	59	29	46
North Dakota	66	19	47
Pennsylvania†	54	28	43
Rhode Island†	59	25	48
South Carolina	53	33	44
Tennessee†	51	29	39
Texas	55	30	42
Utah	64	15	47
Virginia	57	34	47
Washington	58	21	48
West Virginia	58	31	39
Wisconsin†	65	23	49
Wyoming	62	19	51
Other Jurisdictions			
DoDEA	55	27	48
Guam	45	31	44

† Did not satisfy one of the guidelines for school sample participation rates (see Appendix A).

SOURCE: National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1994 Reading Assessment

Table E.4 School System Characteristics from Non-NAEP Sources

	Current Expenditure Per Pupil 1991-92	Percent of Total Current Expenditures, by Function		
		Instruction	Non-Instructional	Support Services
Nation	5,421			
States				
Alabama	3,616	62.1	8.4	29.6
Arizona	4,381	51.2	3.0	45.8
Arkansas	4,031	60.3	8.9	30.9
California	4,746	59.3	4.1	36.6
Colorado	5,172	61.0	3.6	35.4
Connecticut	8,017	63.2	4.2	32.6
Delaware	6,093	62.6	3.9	33.5
Florida	5,243	58.5	5.0	36.6
Georgia	4,375	62.5	5.8	31.7
Hawaii	5,420	60.6	6.6	32.8
Indiana	5,074	62.1	4.5	33.5
Iowa	5,096	61.6	4.5	33.9
Kentucky	4,719	61.2	4.9	33.9
Louisiana	4,354	59.8	9.0	31.1
Maine	5,652	66.8	2.5	30.7
Maryland	6,679	60.5	4.9	34.6
Massachusetts	6,408	60.0	3.4	36.6
Minnesota	5,409	63.5	4.0	32.6
Mississippi	3,245	62.5	8.3	29.2
Missouri	4,830	60.7	4.4	35.0
Montana	5,423	61.1	4.2	34.7
Nebraska	5,263	60.3	10.8	28.9
New Hampshire	5,790	63.4	3.3	33.4
New Jersey	9,317	56.9	3.6	39.5
New Mexico	3,765	58.3	4.9	36.8
New York	8,527	66.9	3.0	30.1
North Carolina	4,555	61.7	7.8	30.5
North Dakota	4,441	60.7	7.9	31.3
Pennsylvania	6,613	63.3	3.8	33.0
Rhode Island	6,546	66.6	2.3	31.1
South Carolina	4,436	59.0	8.9	32.1
Tennessee	3,692	63.6	3.4	33.0
Texas	4,632	60.1	6.3	33.6
Utah	3,040	65.7	6.2	28.2
Virginia	4,880	59.5	5.3	35.1
Washington	5,271	59.8	4.7	35.6
West Virginia	5,109	60.5	6.5	33.0
Wisconsin	6,139	63.1	3.1	33.9
Wyoming	5,812	62.4	3.6	34.1
Other Jurisdictions				
DoDEA	8,510	64.3	9.8	18.5
Guam	5,349	46.5	6.6	46.9

Current Expenditure per Pupil, 1991-92 -- Source: Table 166, "Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by State: 1959-60 to 1991-92." U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; and Common Core of Data surveys. Percent of Total Current Expenditures, by Function -- Source: *State Profiles of Public Elementary and Secondary Education, 1991-1992*. U.S. Department of Education, National Center for Education Statistics, Office of Educational Research and Improvement. Information for DoDEA Schools was provided by the DoDEA.

Table E.4 School System Characteristics from Non-NAEP Sources (continued)

	Pupil-Teacher Ratio Fall 1992	1992-93 Average Annual Teacher Salary		Percent Nonpublic School Enrollment	Status Dropout Rate, Persons Ages 16-19 1990
		NEA	AFT		
Nation	17.4	35,934	35,104	---	11.2
States					
Alabama	17.4	27,651	27,490	7.2	12.6
Arizona	18.7	32,164	31,352	4.8	14.3
Arkansas	17.0	28,144	28,013	5.1	10.9
California	24.1	41,072	39,922	9.8	14.3
Colorado	18.3	34,410	33,541	5.7	9.6
Connecticut	14.3	49,595	48,918	10.7	9.2
Delaware	16.7	37,155	36,217	19.3	11.2
Florida	18.4	31,979	31,172	9.6	14.2
Georgia	18.0	30,829	28,758	6.0	14.1
Hawaii	17.6	37,415	36,472	16.3	7.0
Indiana	17.6	35,974	35,068	10.1	11.4
Iowa	15.8	30,910	30,124	11.0	6.5
Kentucky	17.3	31,921	31,115	9.0	13.0
Louisiana	16.6	28,332	26,074	15.2	11.9
Maine	14.1	31,034	30,250	4.6	8.4
Maryland	16.9	39,757	38,753	9.6	11.0
Massachusetts	15.0	39,213	39,245	11.4	9.5
Minnesota	17.6	36,002	35,093	12.0	6.1
Mississippi	18.2	24,998	24,367	8.9	11.7
Missouri	16.2	30,143	29,421	13.5	11.2
Montana	15.8	28,332	27,617	4.5	7.1
Nebraska	14.6	29,513	28,768	12.3	6.6
New Hampshire	15.6	34,810	33,931	6.5	9.9
New Jersey	13.6	43,786	43,355	15.5	9.3
New Mexico	17.6	27,219	26,463	5.2	10.8
New York	15.2	46,165	44,999	16.0	10.1
North Carolina	16.7	30,074	29,108	4.7	13.2
North Dakota	15.2	25,864	25,211	6.7	4.3
Pennsylvania	17.0	42,283	41,515	18.0	9.4
Rhode Island	14.3	38,916	40,548	13.3	12.9
South Carolina	17.0	29,981	29,151	6.5	11.9
Tennessee	19.4	29,710	29,313	6.8	13.6
Texas	15.7	30,710	30,974	5.2	12.5
Utah	24.2	27,945	26,997	1.5	7.9
Virginia	15.9	33,143	32,896	6.7	10.4
Washington	20.2	36,685	35,870	6.6	10.2
West Virginia	15.2	31,086	30,301	4.7	10.6
Wisconsin	15.5	36,857	36,477	18.0	6.9
Wyoming	17.2	30,859	30,317	2.8	6.3
Other Jurisdictions					
DoDEA	25.0	---	---	---	---
Guam	18.5	---	---	---	---

**Pupil-Teacher Ratio, Fall 1992** -- Source: Table 66, "Teachers, enrollment, and pupil-teacher ratios in public elementary and secondary schools, by State: Fall 1985 to 1992". U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. **1992-93 Average Annual Teacher Salary (NEA)** -- Source: Table 78, "Estimated average annual salary of teachers in public elementary and secondary schools, by State: 1969-70 to 1993-94". National Educational Association *Estimates of School Statistics*; and unpublished data. **1992-93 Average Annual Teacher Salary (AFT)** -- Source: Table 79, "Minimum and average teacher salaries, by State: 1989-90, 1990-91, and 1992-93. American Federation of Teachers, *Survey and Analysis of Salary Trends*, 1991 and 1993. Note: Data in this table reflect results of surveys conducted by the American Federation of Teachers. Because of differing survey and estimation methods, these data are not entirely comparable with figures appearing in other tables. **Percent Nonpublic School Enrollment** -- Source: Quality Education Data, Inc., December 1994. **Status Dropout Rate, Persons Ages 16-19, 1990** -- Source: 1990 Census data in Table C1 in *Dropout Rates in the United States: 1991*. U.S. Department of Education, National Center for Education Statistics, 1992.

--- Information not available.

